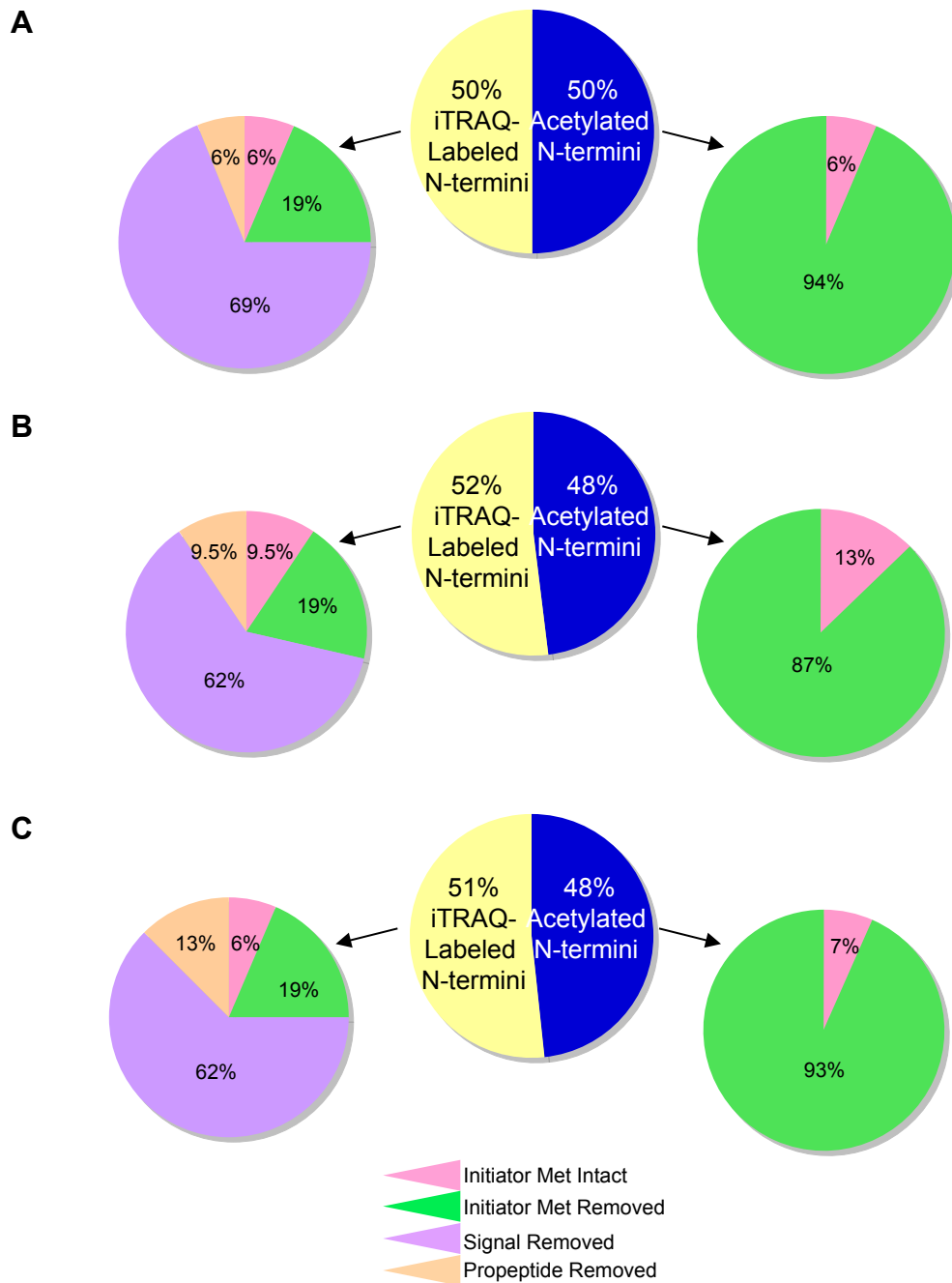
**Fig S1. Distribution of peptides**

Histogram distribution of  $\text{log}_2(\text{iTRAQ ratio})$  of all normalized peptides (A) Exp1xExp2, (B) Exp1, (C) Exp2. Vertical lines indicate the cut-off ratio for each experiment.



**Fig S2. Natural N-termini distribution**

Analysis of peptides identified in biological replicate experiments. Distribution of N-terminal modifications among original N-termini identified by TAILS analysis of (A) Exp1xExp2 (n=133 peptides), (B) Exp1 (n=82 peptides), (C) Exp2 (n=31 peptides).

### Supplementary Material

Tables of all identified peptides identified by Mascot and X! Tandem from iTRAQ-TAILS analyses of proteins from sMT6-MMPΔF (iTRAQ 114) or sMT6-MMP(E234A) (iTRAQ 115) treated secretome. iTRAQ ratios represent uncorrected values; peptides used for normalization are highlighted with yellow. Spectra assigned to quantifiable peptides with an iProphet probability (Prob) of > 0.95 were further analyzed. The charge (z) state of the peptide, precursor mass and error, N-terminus modification, and associated international protein index (IPI) number are indicated.

#### SUPPLEMENTARY TABLE I

##### Proteomic iTRAQ-TAILS analysis of sMT6-MMP cleaved fibroblast secretome

The Exp1XExp2 data set, including 32 unique peptides that were used for normalization having a standard deviation of 0.24.

#	Prob	z	Precursor Mass	Error [Da]	N-terminus	Peptide	iTRAQ 114/ iTRAQ 115	IPI#
1	1.00	3	1774.9877	0.046	iTRAQ	n[145.11]ADANLEAGNVK[272.20]ETR	0.70	IPI00328113
2	0.98	2	1089.5605	0.0069	iTRAQ	n[145.11]ADLSEAA NR	1.06	IPI00418471
3	0.98	2	1319.5791	0.008	iTRAQ	n[145.11]AEGPDEDSSNR	0.96	IPI00009904
4	0.97	2	1245.611	0.0039	iTRAQ	n[145.11]AEQNDSVSPR	0.86	IPI00005564
5	1.00	3	2048.1435	0.0936	iTRAQ	n[145.11]AGAAAGGPGVSGVC[160.03]VC[160.03]K[272.20]SR	1.27	IPI00016915
6	0.99	2	1119.535	-0.0081	iTRAQ	n[145.11]AGFAGDDAPR	1.16	IPI00008603
7	0.94	2	1214.5412	-0.0601	iTRAQ	n[145.11]APDQDEIQR	0.80	IPI00021794
8	0.99	10	1360.6693	-0.064	iTRAQ	n[145.11]APPAAGQQQPPR	0.89	IPI00002802
9	1.00	3	2631.2742	0.0195	iTRAQ	n[145.11]AQEPTGNNAEIC[160.03]LLPLDYGPC[160.03]R	0.87	IPI00009198
10	1.00	2	1324.5832	-0.0665	iTRAQ	n[145.11]ASEGGFTATGQR	0.67	IPI00003351
11	0.98	2	1208.635	0.0079	iTRAQ	n[145.11]ASSPGGVYATR	0.96	IPI00418471
12	0.90	2	1088.6363	-0.0104	iTRAQ	n[145.11]AVFPSIVGR	1.93	IPI00008603
13	0.94	2	1250.6166	-0.0033	iTRAQ	n[145.11]AVYLPNC[160.03]DR	2.58	IPI00029236
14	1.00	2	1523.7077	-0.066	iTRAQ	n[145.11]DAGEFVDLYVPR	0.76	IPI00017448
15	1.00	3	1664.7441	-0.105	iTRAQ	n[145.11]DAPEEEDHVLVLR	1.02	IPI00010796
16	0.97	3	1340.5895	-0.0336	iTRAQ	n[145.11]DAPQDFHPDR	0.76	IPI00302592
17	0.85	2	931.4782	-0.0063	iTRAQ	n[145.11]DDANVVR	0.98	IPI00297646
18	1.00	3	2265.1457	0.0605	iTRAQ	n[145.11]DDEVDVDGTVEEDLGK[272.20]SR	0.76	IPI00027230
19	1.00	3	1503.8389	0.0473	iTRAQ	n[145.11]DGVGGDPAVALPHR	0.98	IPI00026530
20	0.97	2	1197.6032	-0.0629	iTRAQ	n[145.11]DIPAMLPAAR	0.62	IPI00329688
21	0.96	2	1362.6771	0.02	iTRAQ	n[145.11]DLEPGTMDSVR	1.10	IPI00007752

#	Prob	z	Precursor Mass	Error [Da]	N-terminus	Peptide	iTRAQ 114/ iTRAQ 115	IPI#
22	0.99	2	1428.699	-0.0592	iTRAQ	n[145.11]DLEPTVIDEVR	0.82	IPI00166768
23	0.94	3	1658.6747	-0.088	iTRAQ	n[145.11]DVLLEAC[160.03]C[160.03]ADGHR	1.15	IPI00218803
24	0.99	2	1343.5743	-0.0694	iTRAQ	n[145.11]EAGEQGDIEPR	0.88	IPI00012442
25	1.00	2	1506.7115	-0.0842	iTRAQ	n[145.11]EFQTNLVPYPR	1.11	IPI00007750
26	0.99	2	1362.7232	0.0219	iTRAQ	n[145.11]EGNFDAIANIR	7.28	IPI00014758
27	1.00	3	2296.0773	0.0436	iTRAQ	n[145.11]FEGQLAEEC[160.03]GILNGC[160.03]ENGR	1.04	IPI00292150
28	1.00	2	1497.6704	-0.0633	iTRAQ	n[145.11]FQSDIGPYQSGR	0.84	IPI00749245
29	0.99	3	2014.0746	0.0019	iTRAQ	n[145.11]FSLADAINTEFK[272.20]NTR	0.76	IPI00418471
30	1.00	3	1398.7356	0.023	iTRAQ	n[145.11]FVGGAENTAHPR	0.63	IPI00029236
31	1.00	3	2207.0958	-0.0695	iTRAQ	n[145.11]FYTK[272.20]PPQC[160.03]VDIPADLR	1.08	IPI00749245
32	0.99	2	1237.6386	-0.0881	iTRAQ	n[145.11]GAPGILGLPGSR	1.23	IPI00304962
33	0.99	2	1213.6913	0.0013	iTRAQ	n[145.11]GASSAGLGPVVR	0.89	IPI00018305
34	0.99	2	1048.4493	-0.0564	iTRAQ	n[145.11]GFAGDDAPR	0.56	IPI00008603
35	0.99	2	1391.7565	0.0286	iTRAQ	n[145.11]GPPGLAGPPGESGR	8.94	IPI00297646
36	1.00	2	1457.7211	-0.0386	iTRAQ	n[145.11]GVQVETISPGDGR	0.91	IPI00413778
37	0.98	2	1168.7094	0.0044	iTRAQ	n[145.11]IGGIGTVPVGR	0.76	IPI00014424
38	0.87	2	1162.591	-0.0042	iTRAQ	n[145.11]ISSPTETER	1.12	IPI00013895
39	1.00	10	1670.9223	0.0127	iTRAQ	n[145.11]K[272.20]FVGGAENTAHPR	0.55	IPI00029236
40	0.99	3	1601.9943	0.0347	iTRAQ	n[145.11]K[272.20]LVIIHSDLER	0.91	IPI00000230
41	0.94	3	1779.9023	-0.07	iTRAQ	n[145.11]LADAINTEFK[272.20]NTR	1.35	IPI00418471
42	0.99	2	1373.7478	0.0206	iTRAQ	n[145.11]LGSDAELQIER	0.82	IPI00182126
43	0.85	2	1019.4965	-0.0557	iTRAQ	n[145.11]LPASFDAR	0.92	IPI00295741
44	1.00	10	1962.7976	-0.1031	iTRAQ	n[145.11]LQAEEC[160.03]GILNGC[160.03]ENGR	0.91	IPI00220249
45	0.97	3	1938.0001	0.0424	iTRAQ	n[145.11]LRPGDC[160.03]EVC[160.03]ISYLGR	0.97	IPI00328748
46	0.94	3	1610.9928	0.0581	iTRAQ	n[145.11]LTEAPLNPK[272.20]ANR	9.67	IPI00008603
47	1.00	2	1803.8284	-0.0513	iTRAQ	n[145.11]LVGGPMDASVEEEGVR	23.20	IPI00032293
48	0.98	3	1960.0246	0.044	iTRAQ	n[145.11]LVGGPMDASVEEEGVRR	4.81	IPI00032293
49	0.97	2	1313.6862	-0.0814	iTRAQ	n[145.11]LVILEGELER	3.09	IPI00010779
50	0.99	2	1611.8739	0.0134	iTRAQ	n[145.11]MPPYTVVYFPVR	0.76	IPI00219757
51	1.00	3	2241.2008	0.0131	iTRAQ	n[145.11]PGGLLLGDVAPNFEANTTVGR	0.86	IPI00220301
52	0.95	2	1480.7433	-0.0767	iTRAQ	n[145.11]PPYTVVYFPVR	0.89	IPI00219757
53	1.00	2	1466.6345	-0.0782	iTRAQ	n[145.11]SAGDVDTLAFDGR	0.93	IPI00374563
54	0.99	2	1257.5589	-0.0668	iTRAQ	n[145.11]SAPLAAGC[160.03]PDR	0.83	IPI00003176
55	0.99	2	1714.8958	0.0276	iTRAQ	n[145.11]SDMPPLTLEGIQDR	0.92	IPI00022442

#	Prob	z	Precursor Mass	Error [Da]	N-terminus	Peptide	iTRAQ 114/ iTRAQ 115	IPI#
56	1.00	2	1782.7434	-0.0963	iTRAQ	n[145.11]SDVLELTDDNFESR	0.93	IPI00025252
57	1.00	3	1595.899	0.0479	iTRAQ	n[145.11]SK[272.20]FADLSEAANR	0.98	IPI00418471
58	1.00	3	1867.0747	0.0704	iTRAQ	n[145.11]SLADAINTEFK[272.20]NTR	1.78	IPI00418471
59	0.99	2	1619.9115	0.0362	iTRAQ	n[145.11]SLLSLGSQYQPQR	0.67	IPI00002802
60	1.00	2	1914.9535	-0.0597	iTRAQ	n[145.11]SLNNQIETLLTPEGSR	4.06	IPI00304962
61	0.90	2	1026.4892	-0.0688	iTRAQ	n[145.11]SLPEAGPGR	0.82	IPI00017968
62	1.00	3	1522.8515	0.029	iTRAQ	n[145.11]SPALTIENEHIR	1.07	IPI00012989
63	0.97	2	1219.5808	-0.0109	iTRAQ	n[145.11]SQDASDGLQR	0.93	IPI00009276
64	0.94	2	1137.5298	-0.0602	iTRAQ	n[145.11]SSPGGVYATR	0.50	IPI00418471
65	0.97	3	1615.8491	0.0164	iTRAQ	n[145.11]STVIHYEIPER	0.65	IPI00001872
66	0.99	2	1934.0204	0.0337	iTRAQ	n[145.11]SYELPDGQVITIGNER	1.03	IPI00003269
67	0.99	3	1671.8865	-0.0902	iTRAQ	n[145.11]VDVSK[272.20]PDLTAALR	0.88	IPI00418471
68	0.99	2	973.5266	-0.0161	iTRAQ	n[145.11]VGAAGATGAR	2.02	IPI00304962
69	1.00	2	1680.7951	-0.0676	iTRAQ	n[145.11]VLSGGTTMYPGIADR	3.83	IPI00008603
70	0.97	2	1234.6085	-0.0707	iTRAQ	n[145.11]VNFTVDQIR	0.89	IPI00186290
71	0.96	2	1286.6425	-0.072	iTRAQ	n[145.11]YTVVYFPVR	1.22	IPI00219757
72	1.00	2	1328.6829	-0.0705	Ac-lysine	n[43.02]AATTGSGVK[272.20]VPR	1.00	IPI00472498
73	0.97	2	1231.7108	-0.0669	Ac-lysine	n[43.02]AAYK[272.20]LVLIR	0.91	IPI00374975
74	1.00	2	1750.759	-0.0537	Ac-lysine	n[43.02]ADK[272.20]EAAFDDAVEER	0.88	IPI00328319
75	0.94	2	1343.7946	0.0052	Ac-lysine	n[43.02]AGITTIEAVK[272.20]R	0.76	IPI00218319
76	0.99	2	1342.7025	-0.0665	Ac-lysine	n[43.02]AGLNSLEAVK[272.20]R	0.83	IPI00010779
77	0.98	3	2272.1472	0.0345	Ac-lysine	n[43.02]ALDGPEQMELEEGK[272.20]AGSGLR	1.58	IPI00023919
78	0.94	2	1352.6585	-0.0043	Ac-lysine	n[43.02]ANK[272.20]GPSYGMSR	0.57	IPI00216138
79	0.87	3	2188.0652	0.0105	Ac	n[43.02]ARSASAAAMGVQVETISPGDGR	na	IPI00413778
80	0.99	3	1831.9619	-0.0628	Ac-lysine	n[43.02]ASSDIQVK[272.20]ELEK[272.20]R	0.71	IPI00479997
81	0.87	2	1389.751	-0.0075	Ac-lysine	n[43.02]ATDELATK[272.20]LSR	1.01	IPI00060181
82	0.93	2	1198.7136	-0.002	Ac-lysine	n[43.02]AVSTGVK[272.20]VPR	0.82	IPI00019600
83	0.98	3	2938.2397	-0.08	Ac-lysine	n[43.02]DDDIAALVVDNGSGMC[160.03]K[272.20]AGFAGDDAPR	0.86	IPI00021439
84	0.83	3	2994.4559	0.0742	Ac-lysine	n[43.02]EEEIAALVIDNGSGMC[160.03]K[272.20]AGFAGDDAPR	0.80	IPI00021440
85	0.99	2	1630.808	-0.0637	Ac-lysine	n[43.02]MEK[272.20]TLETVPLER	0.87	IPI00396378
86	0.95	2	1134.6073	-0.0042	Ac-lysine	n[43.02]SK[272.20]NTVSSAR	0.70	IPI00007280
87	0.99	2	1678.8586	0.0302	Ac-lysine	n[43.02]SQAEFEK[272.20]AAEEVR	0.91	IPI00010182
88	0.86	2	1429.652	0.032	Ac-lysine	n[43.02]SSNEC[160.03]FK[272.20]C[160.03]GR	0.91	IPI00430813
89	0.98	2	1569.9127	0.0279	Ac-lysine	n[43.02]VDVSK[272.20]PDLTAALR	0.82	IPI00418471

**SUPPLEMENTARY TABLE II****Proteomic iTRAQ-TAILS analysis of sMT6-MMP cleaved fibroblast secretome**

The Exp1 data set, including 82 unique peptides that were used for normalization having a standard deviation of 0.27.

#	Prob.	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
1	0.99	3	1797.0499	0.0648	iTRAQ	n[145.11]AAK[272.20]FDGILGMAYPR	1.28	IPI00011229
2	0.91	3	1758.0221	0.0593	iTRAQ	n[145.11]AAQTSPSPK[272.20]AGAATGR	0.83	IPI00303476
3	0.89	2	1254.767	0.0253	iTRAQ	n[145.11]AATLILEPAGR	0.96	IPI00220906
4	0.94	2	1093.5718	-0.0169	iTRAQ	n[145.11]AAAYEEVIR	1.12	IPI00003406
5	0.91	3	1666.9326	0.0444	iTRAQ	n[145.11]ADAINTEFK[272.20]NTR	1.07	IPI00418471
6	0.97	2	1931.8637	-0.0766	iTRAQ	n[145.11]ADGFYGDVAVTAK[272.20]NC[160.03]R	0.85	IPI00375294
7	0.92	4	2539.4065	0.0934	iTRAQ	n[145.11]AEEAK[272.20]TFDQLTPEESK[272.20]ER	0.96	IPI00014537
8	0.90	2	1199.5294	-0.0069	iTRAQ	n[145.11]AEFSSEAC[160.03]R	0.97	IPI00030877
9	0.91	2	1081.5782	-0.0107	iTRAQ	n[145.11]AELSYSLR	0.96	IPI00298793
10	0.99	2	1770.9684	0.0298	iTRAQ	n[145.11]AEQVPLVLWSSDR	0.81	IPI00552748
11	0.97	3	2312.3004	0.0817	iTRAQ	n[145.11]AFK[272.20]QMEQISQFLQAAER	1.27	IPI00550363
12	0.98	2	1408.7693	0.022	iTRAQ	n[145.11]AGEFVDLYVPR	1.20	IPI00017448
13	0.99	2	1594.7997	0.0176	iTRAQ	n[145.11]AGEPGEPGQTGPAGAR	0.86	IPI00304962
14	1.00	3	2544.2327	-0.042	iTRAQ	n[145.11]AGHPSLK[272.20]QDAC[160.03]QGDSGGVFAVR	1.16	IPI00296165
15	0.96	3	2276.1764	-0.0029	iTRAQ	n[145.11]AHYNTEILK[272.20]SIDNEWR	1.34	IPI00028076
16	0.88	2	1345.7106	0.0147	iTRAQ	n[145.11]AILEDEQTR	0.83	IPI00215743
17	0.89	3	1480.8309	0.0068	iTRAQ	n[145.11]AINTFEFK[272.20]NTR	0.57	IPI00418471
18	0.95	3	2145.2505	0.0355	iTRAQ	n[145.11]AIVFIK[272.20]QPSSQDALQGR	0.66	IPI00168813
19	0.92	3	1504.8758	0.0301	iTRAQ	n[145.11]ALK[272.20]GTNESLER	0.83	IPI00418471
20	0.99	2	1516.7525	0.0286	iTRAQ	n[145.11]ALQQQADEAEDR	0.60	IPI00010779
21	1.00	3	1856.0639	0.0602	iTRAQ	n[145.11]ASGANFEYIIAEK[272.20]R	0.75	IPI00024993
22	0.99	2	1652.9418	0.0563	iTRAQ	n[145.11]ASPAGGPLEDVVIER	0.71	IPI00303300
23	0.94	2	989.5478	-0.0149	iTRAQ	n[145.11]ASVATELR	0.87	IPI00013874
24	0.96	2	1753.8731	0.0369	iTRAQ	n[145.11]ASVPTTC[160.03]C[160.03]FNLANR	0.93	IPI00019945
25	0.92	2	1129.6684	0.0107	iTRAQ	n[145.11]AVLSAEQLR	0.93	IPI00032140
26	1.00	3	2692.3416	-0.0371	iTRAQ	n[145.11]AVTVETSDHDNSLSVSIPQPSPLR	0.75	IPI00027377
27	0.98	3	1595.9039	0.0532	iTRAQ	n[145.11]DAINTEFK[272.20]NTR	0.85	IPI00418471
28	0.99	3	1981.1147	0.0271	iTRAQ	n[145.11]DAPSWDPVALK[272.20]LPER	0.98	IPI00329482
29	0.91	2	1125.5266	0.0093	iTRAQ	n[145.11]DASGTNDFR	0.90	IPI00016112
30	1.00	3	2536.3792	0.0527	iTRAQ	n[145.11]DDLVTVK[272.20]TPAFAESVTEGDVR	0.58	IPI00384016
31	0.99	4	2199.1601	0.0945	iTRAQ	n[145.11]DEAIHC[160.03]PPC[160.03]SEEK[272.20]LAR	0.88	IPI00305380
32	0.95	2	1159.6308	-0.0011	iTRAQ	n[145.11]DEATALQLR	0.87	IPI00014898
33	0.98	3	1580.8435	0.0155	iTRAQ	n[145.11]DEEVHAGLGELLR	1.18	IPI00032140
34	0.92	2	1212.5675	0.0108	iTRAQ	n[145.11]DGEFSMDLR	1.11	IPI00216691
35	0.96	2	1660.7877	0.0386	iTRAQ	n[145.11]DLDGSEDWVYYR	0.83	IPI00036578
36	0.83	2	1018.5128	-0.0037	iTRAQ	n[145.11]DLSEAANR	0.93	IPI00418471
37	0.96	3	1589.8614	0.0361	iTRAQ	n[145.11]DNADSSPVVDK[272.20]R	0.69	IPI00328753
38	0.98	2	1411.6715	0.0192	iTRAQ	n[145.11]DNEAIYDIC[160.03]R	0.96	IPI00007750
39	0.96	2	1574.8468	0.0082	iTRAQ	n[145.11]DQALEALSASLGTR	0.89	IPI00220857

#	Prob.	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
40	1.00	3	2161.148	0.0223	iTRAQ	n[145.11]DQDFYSLGVS[272.20]TASSR	0.92	IPI00293260
41	1.00	3	1768.048	0.0506	iTRAQ	n[145.11]DSK[272.20]LTFDAITIR	0.64	IPI00008561
42	0.93	3	1665.9548	0.0621	iTRAQ	n[145.11]DSK[272.20]VFGDLQVR	0.94	IPI00184375
43	1.00	3	2430.3027	0.0756	iTRAQ	n[145.11]DSVDFSLADAINTEFK[272.20]NTR	0.88	IPI00418471
44	0.95	2	1045.6097	0.0207	iTRAQ	n[145.11]DSVLDVVR	1.01	IPI00007752
45	0.99	3	1641.8732	0.0535	iTRAQ	n[145.11]DSYVGDEAQS[272.20]R	0.87	IPI00008603
46	0.86	2	1336.6954	0.0097	iTRAQ	n[145.11]EANAPGPVPER	0.96	IPI00301144
47	0.96	2	1368.6814	0.0167	iTRAQ	n[145.11]EATTEFSVDAR	1.00	IPI00302592
48	0.94	2	1272.6151	0.0261	iTRAQ	n[145.11]EDC[160.03]NELPPR	0.81	IPI00029739
49	0.96	2	1496.7031	0.0279	iTRAQ	n[145.11]EDDETIPSEYR	0.69	IPI00220857
50	0.96	2	1466.7117	-0.0006	iTRAQ	n[145.11]EEAENTLQSF	0.96	IPI00418471
51	1.00	2	1382.7015	0.0393	iTRAQ	n[145.11]EEATLNEMFR	1.27	IPI00002714
52	1.00	3	2619.0719	-0.0524	iTRAQ	n[145.11]EEGQC[160.03]VC[160.03]DEGFAGVDC[160.03]SEK[272.20]R	1.01	IPI00867560
53	0.90	2	1398.7158	0.0301	iTRAQ	n[145.11]EEQPPETAAQR	0.72	IPI00386755
54	0.91	4	2060.1943	0.1108	iTRAQ	n[145.11]EK[272.20]IWHHTFYNELR	0.81	IPI00021428
55	0.98	3	1624.8857	0.038	iTRAQ	n[145.11]ELQAVLHMEQR	0.91	IPI00295542
56	0.98	2	1699.9386	0.0371	iTRAQ	n[145.11]EQQVPLVWSSDR	0.72	IPI00552748
57	0.99	2	1507.8143	0.0292	iTRAQ	n[145.11]ESETTSLVLR	0.95	IPI00029744
58	0.98	2	1361.7215	0.0154	iTRAQ	n[145.11]ESPAVAAPAYSR	0.74	IPI00025512
59	0.85	3	1848.0448	0.0616	iTRAQ	n[145.11]EVDALK[272.20]GTNESLR	0.78	IPI00418471
60	0.96	2	991.4714	-0.0131	iTRAQ	n[145.11]FAGDDAPR	1.10	IPI00008603
61	0.94	2	1139.5453	0.0126	iTRAQ	n[145.11]FSDAASQR	0.88	IPI00472013
62	0.92	4	2659.2664	-0.0352	iTRAQ	n[145.11]FEK[272.20]NEAIQAAHDAVAQEGQC[160.03]R	1.04	IPI00018352
63	0.94	2	1396.6584	0.0243	iTRAQ	n[145.11]FGSDQSENVDR	0.75	IPI00258804
64	0.85	4	2325.2831	-0.0339	iTRAQ	n[145.11]FK[272.20]DTGK[272.20]APVEPEVAIHR	0.58	IPI00176655
65	0.97	3	1828.9918	0.0571	iTRAQ	n[145.11]FYQGPVGDPAK[272.20]YR	7.65	IPI00014758
66	0.98	3	1677.8374	0.0319	iTRAQ	n[145.11]GAFEGTHMGPFVER	0.77	IPI00100980
67	0.98	2	1238.7319	0.0212	iTRAQ	n[145.11]GAPEVLVSAPR	0.85	IPI00143921
68	1.00	2	1483.7193	0.0419	iTRAQ	n[145.11]GDPGEAGPQGDQGR	1.51	IPI00291136
69	0.97	4	1934.9834	0.0163	iTRAQ	n[145.11]GDTYFFK[272.20]GAHYWR	15.22	IPI00014758
70	0.99	2	1462.7941	0.0294	iTRAQ	n[145.11]GEAGSAGPPGPPGLR	1.31	IPI00304962
71	0.98	2	1469.6609	-0.0122	iTRAQ	n[145.11]GEDC[160.03]LWYLDR	0.96	IPI00514190
72	0.99	2	1337.7341	0.0244	iTRAQ	n[145.11]GEFVDLYVPR	0.74	IPI00017448
73	0.96	2	1240.6523	0.0241	iTRAQ	n[145.11]GEPGQTGPAGAR	0.57	IPI00304962
74	0.94	3	1788.0879	0.0589	iTRAQ	n[145.11]GFPGTPGLPGFK[272.20]GIR	0.74	IPI00304962
75	0.91	2	1381.6981	0.0199	iTRAQ	n[145.11]GGTTMYPGIADR	1.23	IPI00008603
76	0.96	2	1394.8031	0.0279	iTRAQ	n[145.11]GIPGPVGAAGATGAR	0.77	IPI00304962
77	0.99	3	1671.9502	0.0315	iTRAQ	n[145.11]GK[272.20]DYYQTLGLAR	0.79	IPI00015947
78	1.00	3	1859.0205	0.0182	iTRAQ	n[145.11]GLGLSYLSSHIANVER	1.30	IPI00026314
79	0.99	2	1384.6188	0.0141	iTRAQ	n[145.11]GMEEGEFSEAR	1.27	IPI00007750
80	0.97	2	1317.7038	-0.0129	iTRAQ	n[145.11]GNPITIFQER	0.92	IPI00219018
81	0.94	3	1650.9688	0.0391	iTRAQ	n[145.11]GNSTAIQELFK[272.20]R	1.10	IPI00007752
82	0.99	2	1365.6409	0.0279	iTRAQ	n[145.11]GSTAEDEEQTR	0.80	IPI00180404
83	0.98	2	1258.5391	0.0055	iTRAQ	n[145.11]GYGNDGFDDR	1.09	IPI00013877

#	Prob.	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
84	0.90	2	1275.6142	-0.0075	iTRAQ	n[145.11]GYSFTTTAER	1.20	IPI00021439
85	1.00	3	1437.7421	0.0298	iTRAQ	n[145.11]HWPSEPSEAVR	0.69	IPI00028911
86	1.00	3	2156.0091	0.07	iTRAQ	n[145.11]HWYVGEGMEEGFSEAR	0.76	IPI00007750
87	0.90	2	1053.6618	-0.005	iTRAQ	n[145.11]IALDLLPR	0.83	IPI00470607
88	0.91	2	1303.7144	-0.0223	iTRAQ	n[145.11]IEGAGNFLAIR	0.85	IPI00036578
89	0.90	3	2206.1322	0.1715	iTRAQ	n[145.11]ISGGMGSMNSVTGGMGMLDR	0.89	IPI00555833
90	0.99	3	1709.9516	0.0579	iTRAQ	n[145.11]ITGK[272.20]EDAANNYAR	1.14	IPI00007750
91	0.95	2	1216.6345	-0.0017	iTRAQ	n[145.11]IYSSFGFPR	6.44	IPI00008561
92	1.00	3	1391.7772	0.0375	iTRAQ	n[145.11]K[272.20]AGFAGDDAPR	1.17	IPI00008603
93	0.97	3	1586.0061	0.0415	iTRAQ	n[145.11]K[272.20]LVILEGELER	0.78	IPI00010779
94	0.97	3	1790.063	0.0336	iTRAQ	n[145.11]K[272.20]QDIVFDGIAQIR	0.84	IPI00027780
95	1.00	3	2061.1567	0.0435	iTRAQ	n[145.11]K[272.20]SPQELLC[160.03]GASLISDR	1.00	IPI00019568
96	0.93	3	2206.2426	0.0589	iTRAQ	n[145.11]K[272.20]SYELPDGQVITIGNER	0.85	IPI00008603
97	1.00	3	2041.1721	0.0786	iTRAQ	n[145.11]K[272.20]VEQAVETEPEPELR	1.01	IPI00021842
98	0.99	2	1462.7947	0.0158	iTRAQ	n[145.11]LDSELTTEFLR	0.56	IPI00014572
99	0.96	2	1327.6581	0.0051	iTRAQ	n[145.11]LEAAYEFADR	4.39	IPI00008561
100	0.99	2	1350.8027	-0.0078	iTRAQ	n[145.11]LGAPGILGLPGSR	1.12	IPI00304962
101	0.85	3	2239.1765	0.0308	iTRAQ	n[145.11]LGRPSEEEDELVVPELER	0.80	IPI00005908
102	1.00	3	1823.0475	0.0694	iTRAQ	n[145.11]LITGK[272.20]EDAANNYAR	5.70	IPI00007750
103	0.97	4	2425.1005	-0.0328	iTRAQ	n[145.11]LK[272.20]C[160.03]LYHTEGEHC[160.03]QFC[160.03]R	0.90	IPI00013976
104	0.84	2	1199.6199	-0.0221	iTRAQ	n[145.11]LLDPAAWDR	4.89	IPI00010800
105	0.98	2	1463.9151	0.0205	iTRAQ	n[145.11]LLGAPGILGLPGSR	1.19	IPI00304962
106	0.98	2	1532.8693	0.026	iTRAQ	n[145.11]LLSLGSQYQPQR	4.19	IPI00002802
107	0.98	2	1257.7433	0.0084	iTRAQ	n[145.11]LMNLGGLAVAR	1.13	IPI00550363
108	0.96	2	1879.9943	-0.0603	iTRAQ	n[145.11]LPVC[160.03]GK[272.20]PVNPVEQR	0.87	IPI00296165
109	1.00	2	1581.8121	0.0174	iTRAQ	n[145.11]LSGGTTMYPGIADR	1.07	IPI00008603
110	0.98	2	1419.7563	-0.0029	iTRAQ	n[145.11]LSLGSQYQPQR	1.87	IPI00002802
111	0.86	3	2125.2004	0.004	iTRAQ	n[145.11]LSTC[160.03]K[272.20]TIDMELVK[272.20]R	0.93	IPI00000075
112	0.94	2	1179.6375	0.0118	iTRAQ	n[145.11]LTFEELER	0.92	IPI00180404
113	0.99	2	1574.8363	0.0267	iTRAQ	n[145.11]LVDLEPGTMDSVR	1.22	IPI00007752
114	1.00	3	2424.2278	0.0508	iTRAQ	n[145.11]LVVDNGSGMC[160.03]K[272.20]AGFAGDDAPR	4.00	IPI00021439
115	0.88	3	2200.0873	0.0106	iTRAQ	n[145.11]LYSSDDVIELTPSNFNR	0.40	IPI00299571
116	0.98	2	1126.6406	0.0119	iTRAQ	n[145.11]MAPTPIPTR	0.87	IPI00003406
117	0.95	2	1333.7613	0.0315	iTRAQ	n[145.11]MFIVNTNVPR	0.66	IPI00293276
118	0.99	2	1522.7945	0.0261	iTRAQ	n[145.11]MGPPGLAGPPGESGR	0.93	IPI00297646
119	0.98	3	1418.8919	0.0396	iTRAQ	n[145.11]MK[272.20]DSLVLGR	1.07	IPI00008791
120	0.95	3	1628.9291	0.0704	iTRAQ	n[145.11]MK[272.20]FNPFVTSR	0.50	IPI00007144
121	1.00	2	1654.9159	0.0213	iTRAQ	n[145.11]MQNPQIALAALQER	0.89	IPI00023860
122	0.95	2	1365.7073	-0.0124	iTRAQ	n[145.11]MVNFTVDQIR	0.79	IPI00186290
123	0.99	3	1967.1637	0.0553	iTRAQ	n[145.11]NEFSILK[272.20]SPGSVVFR	0.87	IPI00168884
124	0.99	2	1642.87	-0.01	iTRAQ	n[145.11]PFLELDTNLPANR	0.85	IPI00293867
125	0.98	3	1787.0728	0.043	iTRAQ	n[145.11]PSK[272.20]GPLQSVQVFR	0.96	IPI00221092
126	0.98	3	2302.1244	-0.0488	iTRAQ	n[145.11]QK[272.20]IC[160.03]DQWDALGSLTHSR	0.80	IPI00013808
127	0.96	2	1253.603	-0.0092	iTRAQ	n[145.11]SEGGFTATGQR	0.79	IPI00003351



#	Prob.	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
128	0.93	1	1297.2918	-0.3539	iTRAQ	n[145.11]SEMYLEGLGR	0.88	IPI00026580
129	0.94	2	1291.6674	-0.0009	iTRAQ	n[145.11]SFYTYLQQR	1.13	IPI00003590
130	0.99	2	1502.8165	0.0354	iTRAQ	n[145.11]SGAQASSTPLSPTR	0.89	IPI00021405
131	0.86	3	1787.9833	0.0827	iTRAQ	n[145.11]SGEPGK[272.20]QGPGSASGER	0.80	IPI00297646
132	1.00	3	2018.1376	0.0219	iTRAQ	n[145.11]SGISGPPGPPGAGK[272.20]EGLR	0.93	IPI00304962
133	0.98	3	1527.8511	0.0262	iTRAQ	n[145.11]SGPAGEVVGK[272.20]PGER	1.09	IPI00304962
134	0.93	2	1509.7438	-0.0049	iTRAQ	n[145.11]SGPQFWVFQDR	7.70	IPI00014758
135	0.86	2	1099.5612	-0.0132	iTRAQ	n[145.11]SGPSGLPGER	1.02	IPI00304962
136	0.99	2	1264.7029	0.0019	iTRAQ	n[145.11]SGPVGPAVAVGPR	0.98	IPI00304962
137	1.00	3	1962.9659	0.0254	iTRAQ	n[145.11]SGTLGHPGSLDETTYER	0.82	IPI00217745
138	0.88	3	1358.8339	0.0212	iTRAQ	n[145.11]SK[272.20]PDLTAALR	0.99	IPI00418471
139	0.86	2	1415.7593	-0.005	iTRAQ	n[145.11]SLGAWNLENLR	0.75	IPI00010800
140	0.96	2	1306.6816	0.0065	iTRAQ	n[145.11]SLGSQYQQR	0.54	IPI00002802
141	0.99	2	1463.7542	0.0131	iTRAQ	n[145.11]SLNLEELSEMR	0.83	IPI00186581
142	0.99	2	1489.7323	0.0193	iTRAQ	n[145.11]SLQEQADAAEER	0.75	IPI00216134
143	0.99	2	1433.7232	-0.0152	iTRAQ	n[145.11]SNTTAIAEAWAR	0.99	IPI00007750
144	0.99	2	2184.9829	0.0692	iTRAQ	n[145.11]SQQTNDYMQPEEDWDR	0.83	IPI00013508
145	0.97	2	1085.6274	-0.0041	iTRAQ	n[145.11]SSAGLGPVVR	0.97	IPI00018305
146	0.98	2	1252.623	0.006	iTRAQ	n[145.11]SSSGPFTDVR	0.95	IPI00022418
147	1.00	3	3158.5171	0.0904	iTRAQ	n[145.11]SSSDTC[160.03]GPC[160.03]EPASC[160.03]PPLPPLGC[160.03]LLGETR	0.81	IPI00016915
148	1.00	3	2796.4982	0.0595	iTRAQ	n[145.11]SSSSLEK[272.20]SYELPDGQVITIGNER	1.26	IPI00008603
149	0.92	2	1146.5985	-0.013	iTRAQ	n[145.11]STAAQQLR	0.72	IPI00019502
150	0.99	2	1696.9111	0.0422	iTRAQ	n[145.11]STGGISVPGPMGPGSMPR	0.97	IPI00297646
151	0.99	2	1285.6375	-0.005	iTRAQ	n[145.11]SVSFADDFVR	0.20	IPI00032140
152	0.98	2	1589.8447	0.0276	iTRAQ	n[145.11]SVSVVPPWDDSLR	0.89	IPI00010800
153	0.92	2	1092.5848	0.0131	iTRAQ	n[145.11]SVVDLTC[160.03]R	0.91	IPI00022430
154	0.99	2	1212.6342	-0.0031	iTRAQ	n[145.11]SWDLPAAPGR	0.96	IPI00006166
155	0.99	2	1360.6724	-0.0207	iTRAQ	n[145.11]SYGGMLSAYLR	0.94	IPI00296141
156	0.94	2	1221.5928	0.018	iTRAQ	n[145.11]SYSPEPDQR	0.99	IPI00298237
157	0.92	2	1168.6711	0.0025	iTRAQ	n[145.11]TAPAAGVVPSR	0.91	IPI00220113
158	0.97	3	3156.3986	0.0083	iTRAQ	n[145.11]TC[160.03]GQGYQLSAAK[272.20]DQC[160.03]EDIDEC[160.03]QHR	1.16	IPI00220249
159	0.94	3	1307.7296	0.0185	iTRAQ	n[145.11]TDAAVEMK[272.20]R	0.73	IPI00003406
160	0.99	2	1540.7416	0.0176	iTRAQ	n[145.11]TDATNPPEGPQDR	0.88	IPI00008780
161	0.96	3	1886.0138	0.0504	iTRAQ	n[145.11]TFNSIMK[272.20]C[160.03]DVDIR	1.21	IPI00003269
162	1.00	3	1612.8073	0.0506	iTRAQ	n[145.11]THEAEQNDSVSPR	1.07	IPI00005564
163	1.00	3	1710.8841	0.0142	iTRAQ	n[145.11]THPEFAIEEELPR	1.08	IPI00012490
164	0.98	3	1897.1102	0.0767	iTRAQ	n[145.11]TK[272.20]PPQC[160.03]VDIPADLR	0.62	IPI00749245
165	1.00	3	2702.1942	0.0046	iTRAQ	n[145.11]TLEHSDC[160.03]AFMVDNEAIYDIC[160.03]R	0.98	IPI00007750
166	0.99	2	1358.8074	0.0247	iTRAQ	n[145.11]TLMNLGGLAVAR	0.85	IPI00550363
167	0.96	2	1363.6908	-0.0231	iTRAQ	n[145.11]TLSMIEEIR	0.80	IPI00032064
168	0.95	2	1178.596	0.0059	iTRAQ	n[145.11]TLTSEEEAR	1.21	IPI00217966
169	0.90	3	1875.0581	0.064	iTRAQ	n[145.11]TNEK[272.20]VELQELNDR	0.71	IPI00418471
170	0.88	2	1260.5919	0.0029	iTRAQ	n[145.11]TPAPETC[160.03]EGR	0.96	IPI00030241
171	0.99	2	1796.8882	0.043	iTRAQ	n[145.11]TTFNIQDGPDPQDR	0.79	IPI00017799

#	Prob.	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
172	1.00	3	2236.2643	-0.0028	iTRAQ	n[145.11]TTIAGVVYK[272.20]DGIVLGADTR	0.92	IPI00003217
173	0.97	2	1544.7922	0.0329	iTRAQ	n[145.11]TWELEPDGALDR	1.11	IPI00002714
174	0.96	2	1483.8027	0.0234	iTRAQ	n[145.11]VDYEEVLGVQR	0.79	IPI00024523
175	1.00	2	1402.6642	-0.0031	iTRAQ	n[145.11]VGFYESDVMGR	1.01	IPI00478003
176	0.99	3	1251.6548	0.0106	iTRAQ	n[145.11]VGGAEHTAHR	0.26	IPI00029236
177	0.99	2	1619.863	0.032	iTRAQ	n[145.11]VGSLELSEMR	0.76	IPI00186581
178	0.87	3	1680.0056	0.0609	iTRAQ	n[145.11]VIFSK[272.20]VDVNTDR	1.15	IPI00009794
179	0.93	3	1319.8419	0.0502	iTRAQ	n[145.11]VK[272.20]VGVNGFGR	6.04	IPI00219018
180	0.93	2	1307.7346	0.0139	iTRAQ	n[145.11]VLAELYVSDR	0.85	IPI00306960
181	0.91	2	1378.7448	0.0121	iTRAQ	n[145.11]VLPGPPEPGGQR	1.04	IPI00010800
182	0.98	2	1512.7651	0.0174	iTRAQ	n[145.11]VPTQC[160.03]DVPPNSR	0.91	IPI00293088
183	0.90	2	1130.6882	0.0101	iTRAQ	n[145.11]VSAVLTELR	0.88	IPI00008079
184	0.97	3	1457.9246	0.0437	iTRAQ	n[145.11]VSK[272.20]PDLTAALR	0.79	IPI00418471
185	0.94	2	1288.7261	0	iTRAQ	n[145.11]VSLGVDWLTR	32.29	IPI00014758
186	0.99	3	1594.9231	0.0196	iTRAQ	n[145.11]VSPAAGSSPGK[272.20]PPR	0.92	IPI00032293
187	0.98	2	1316.6818	-0.0029	iTRAQ	n[145.11]VSPVWDDSLR	1.19	IPI00010800
188	0.83	2	998.5886	-0.0109	iTRAQ	n[145.11]VVNGIPTR	0.92	IPI00025767
189	1.00	2	1099.506	-0.003	iTRAQ	n[145.11]YESDVMGR	7.27	IPI00478003
190	0.85	2	1209.6291	0.0027	iTRAQ	n[145.11]YNPEPPPPR	0.89	IPI00025084
191	0.98	3	1681.9316	0.0648	iTRAQ	n[145.11]YQGVPVGDVDPK[272.20]YR	3.89	IPI00014758
192	0.94	2	1285.6634	0.0209	iTRAQ	n[145.11]YVDDTQFVR	0.79	IPI00004657
193	1.00	3	1439.7875	0.0258	iTRAQ	n[145.11]YVGDEAQS[272.20]R	1.04	IPI00003269
194	0.91	2	1199.6888	-0.0107	Ac-lysine	n[43.02]AAVDLEK[272.20]LR	0.98	IPI00332371
195	0.96	3	1797.1451	0.0735	Ac-lysine	n[43.02]AAVK[272.20]TLNPK[272.20]AEVAR	0.95	IPI00027626
196	0.84	2	1356.7685	0.0202	Ac-lysine	n[43.02]ADEIAK[272.20]AQVAR	0.83	IPI00239077
197	1.00	2	1845.9534	0.0457	Ac-lysine	n[43.02]ADLEEQLSDEEK[272.20]VR	0.91	IPI00026182
198	0.94	2	1387.6716	-0.0097	Ac-lysine	n[43.02]ADNEK[272.20]LDNQR	0.89	IPI00012578
199	0.93	3	1418.8498	0.0261	Ac-lysine	n[43.02]AK[272.20]PAQGAK[272.20]YR	0.99	IPI00002459
200	0.95	3	1473.8579	0.0185	Ac-lysine	n[43.02]AK[272.20]PLTDSEK[272.20]R	0.90	IPI00004358
201	0.91	2	1326.7396	-0.0231	Ac-lysine	n[43.02]ALETVPK[272.20]DLR	0.57	IPI00002895
202	0.98	2	1185.6521	-0.0066	Ac-lysine	n[43.02]ANNDVVLK[272.20]R	0.88	IPI00006252
203	0.97	2	1587.7607	0.0174	Ac-lysine	n[43.02]AQDQGEK[272.20]ENPMR	0.96	IPI00376798
204	0.97	3	2437.416	0.0917	Ac-lysine	n[43.02]ASGVAVSDGVK[272.20]VFNDMK[272.20]VR	0.65	IPI00012011
205	0.98	2	1755.8475	0.0368	Ac-lysine	n[43.02]ASK[272.20]EMFEDTVEER	0.92	IPI00395865
206	0.93	3	1970.0772	0.0106	Ac-lysine	n[43.02]ASQSQGIQQLQAQEK[272.20]R	1.79	IPI00025285
207	0.99	2	1571.9306	0.0301	Ac-lysine	n[43.02]ATVTATTK[272.20]VPEIR	0.87	IPI00009104
208	0.85	2	1499.7991	0.0249	Ac-lysine	n[43.02]AVTLDK[272.20]DAYYR	1.15	IPI00026970
209	0.99	3	1848.0082	0.0219	Ac-lysine	n[43.02]GDAPSPEEK[272.20]LHLITR	1.08	IPI00007074
210	1.00	2	1672.9275	0.0335	Ac-lysine	n[43.02]MDGIVPDIAVGTK[272.20]R	1.02	IPI00179964
211	0.89	3	1429.7488	0.0199	Ac	n[43.02]MDIAIHHPWIR	na	IPI00021369
212	0.98	4	2605.5822	0.1348	Ac-lysine	n[43.02]MEK[272.20]TELIQK[272.20]AK[272.20]LAEQAER	1.04	IPI00018146
213	0.99	2	1427.6909	-0.008	Ac-lysine	n[43.02]MFSWVSK[272.20]DAR	1.26	IPI00017184
214	0.98	3	2144.1194	0.0782	Ac-lysine	n[43.02]MGQK[272.20]DSYVGDEAQS[272.20]R	0.69	IPI00008603
215	0.99	2	1773.9461	-0.0108	Ac-lysine	n[43.02]MLGPEGGEGFVVK[272.20]LR	1.05	IPI00003881

#	Prob.	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
216	1.00	3	2003.9775	0.0041	Ac	n[43.02]MNVDHEVNLLVEEIH	na	IPI00514113
217	0.98	2	1553.7462	0.0044	Ac-lysine	n[43.02]MQPASAK[272.20]WYDR	0.78	IPI00015029
218	0.97	2	1633.8715	0.021	Ac-lysine	n[43.02]SSK[272.20]TASTNNIAQAR	0.95	IPI00221232
219	0.92	2	1709.9083	0.0377	Ac-lysine	n[43.02]TTTTTFK[272.20]GVDPNSR	0.66	IPI00007764

**SUPPLEMENTARY TABLE III****Proteomic iTRAQ-TAILS analysis of sMT6-MMP cleaved fibroblast secretome**

The Exp2 data set, including 31 unique peptides used for normalization having a standard deviation of 0.60.

#	Prob	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
1	1.00	3	1919.935	-0.0563	iTRAQ	n[145.11]AAAGGPGVSGVC[160.03]VC[160.03]K[272.20]SR	24.8	IPI00016915
2	0.94	3	2220.5196	0.3119	iTRAQ	n[145.11]AEK[272.20]K[272.20]ATDAEADVASLNR	13.51	IPI00013991
3	0.90	3	2020.2764	0.2217	iTRAQ	n[145.11]AEQAEADK[272.20]K[272.20]QAEDR	32.23	IPI00013991
4	0.93	2	970.428	-0.0677	iTRAQ	n[145.11]AGPPGESGR	32.96	IPI00297646
5	0.99	2	1023.5295	-0.0652	iTRAQ	n[145.11]AGPVGVPVGAR	0.28	IPI00297646
6	0.93	3	1428.7246	-0.0321	iTRAQ	n[145.11]AK[272.20]HIAEDSDR	17.96	IPI00013991
7	0.83	3	1426.7439	-0.0328	iTRAQ	n[145.11]AK[272.20]HIAEEADR	15.19	IPI00010779
8	1.00	2	2103.0622	-0.0715	iTRAQ	n[145.11]ALYSPSDPLTLLQADTVR	40	IPI00003590
9	0.99	2	1219.566	-0.0692	iTRAQ	n[145.11]AMGALELESR	32.531	IPI00003590
10	0.99	3	1777.9083	-0.0594	iTRAQ	n[145.11]APGAPGVPGPAGK[272.20]SGDR	9.81	IPI00297646
11	0.98	2	1118.5129	-0.056	iTRAQ	n[145.11]ASVEEEGVR	24.17	IPI00032293
12	0.97	3	2007.9143	-0.0996	iTRAQ	n[145.11]C[160.03]EVDALK[272.20]GTNESLER	0.48	IPI00418471
13	0.83	3	2488.0126	-0.1401	iTRAQ	n[145.11]C[160.03]SC[160.03]SPVHPQQAFC[160.03]NADVIVR	0.83	IPI00027166
14	0.88	2	887.3977	-0.0493	iTRAQ	n[145.11]DEEVPR	0.75	IPI00023283
15	0.96	2	1397.556	-0.045	iTRAQ	n[145.11]DFGYDGDYR	8.47	IPI00304962
16	0.99	2	1284.6056	-0.0741	iTRAQ	n[145.11]DIAVDGEPLGR	6.1	IPI00419585
17	0.86	2	1135.5162	-0.0582	iTRAQ	n[145.11]DIGPYQSGR	0.74	IPI00749245
18	0.97	2	1792.8884	-0.0713	iTRAQ	n[145.11]DWVIPPINLPENSR	0.92	IPI00290085
19	0.94	2	1882.7145	-0.1982	iTRAQ	n[145.11]EC[160.03]K[272.20]TGYDFDGISR	1.1	IPI00218803
20	0.94	2	986.4581	-0.0574	iTRAQ	n[145.11]EDDIPVR	1.37	IPI00032258
21	0.95	2	1316.5719	-0.0909	iTRAQ	n[145.11]EQAPMAGALNR	1.02	IPI00396078
22	0.95	2	1421.5947	-0.0597	iTRAQ	n[145.11]EQEDPYLNDNR	28.6	IPI00218803
23	1.00	2	1346.6575	-0.0852	iTRAQ	n[145.11]FAAATGATPIAGR	3.35	IPI00398958
24	0.98	2	1236.5628	-0.0592	iTRAQ	n[145.11]FADLSEANR	6.84	IPI00418471
25	0.96	3	1412.7483	-0.0534	iTRAQ	n[145.11]FANYIDK[272.20]VR	27.7	IPI00418471
26	0.99	2	1431.6792	-0.0685	iTRAQ	n[145.11]FDIAVDGEPLGR	6.6	IPI00419585
27	0.97	2	1282.5166	-0.0571	iTRAQ	n[145.11]FGYDGDYR	11.53	IPI00304962
28	0.89	2	1336.7201	-0.0788	iTRAQ	n[145.11]FIPPAPVLPDR	19.96	IPI00305975
29	0.90	2	1198.595	-0.0631	iTRAQ	n[145.11]FPGLPGSPGAR	16	IPI00306322
30	0.95	3	1507.7211	-0.0806	iTRAQ	n[145.11]FPLENAPIGHNR	16.31	IPI00015913
31	0.87	2	1126.4918	-0.0611	iTRAQ	n[145.11]FQAPSDYR	7.35	IPI00023673
32	0.99	3	2023.9223	-0.0614	iTRAQ	n[145.11]FQGPAGEPGEPTGPAGAR	13.89	IPI00304962
33	0.97	3	1812.2126	0.1879	iTRAQ	n[145.11]FTVGPLGEGGAHK[272.20]VR	3.31	IPI00178352
34	0.98	2	1586.7445	-0.044	iTRAQ	n[145.11]FVSSSLPDIC[160.03]YR	38.94	IPI00430812
35	0.94	2	1345.6667	-0.06	iTRAQ	n[145.11]FWEGLPAQVR	18.29	IPI00014758
36	0.99	3	1976.962	-0.0508	iTRAQ	n[145.11]GAAAGGPGVSGVC[160.03]VC[160.03]K[272.20]SR	5.2	IPI00016915
37	0.95	3	1609.8187	-0.0593	iTRAQ	n[145.11]GAPGVPGPAGK[272.20]SGDR	9.5	IPI00297646
38	1.00	2	1104.5172	-0.0625	iTRAQ	n[145.11]GATGFPGAAGR	6.65	IPI00186460
39	0.90	2	1074.4551	-0.0696	iTRAQ	n[145.11]GDPGLMGER	6.05	IPI00291136

#	Prob	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
40	1.00	2	1235.4923	-0.0614	iTRAQ	n[145.11]GGFDEDAEPR	6.15	IPI00009794
41	1.00	2	1575.6616	-0.0705	iTRAQ	n[145.11]GGPMDASVEEEGVR	5.79	IPI00032293
42	0.98	3	1792.8147	-0.069	iTRAQ	n[145.11]GK[272.20]DLGGFDEDAEPR	9.5	IPI00009794
43	0.88	3	1648.9633	-0.0474	iTRAQ	n[145.11]GK[272.20]VK[272.20]VGVNGFGR	0.82	IPI00219018
44	0.99	2	1140.5409	-0.06	iTRAQ	n[145.11]GLAGPPGESGR	8.5	IPI00297646
45	0.97	2	1272.6347	-0.071	iTRAQ	n[145.11]GLQGFPGLQGR	5.3	IPI00306322
46	0.99	2	1164.5269	-0.0558	iTRAQ	n[145.11]GMTGFPGAAGR	6.15	IPI00304962
47	0.98	2	1748.7819	-0.0748	iTRAQ	n[145.11]GPAGEPGEPGQTGPAGAR	11.49	IPI00304962
48	0.89	2	954.4344	-0.0661	iTRAQ	n[145.11]GPAGPAGER	33.88	IPI00186460
49	0.98	3	2073.9656	-0.0701	iTRAQ	n[145.11]GPAGTPGQIDC[160.03]DITDVK[272.20]R	24.96	IPI00306322
50	0.99	2	1325.5847	-0.0673	iTRAQ	n[145.11]GPPGDPGLMGER	13.05	IPI00291136
51	0.85	3	1422.7701	-0.0486	iTRAQ	n[145.11]GPPGPAGK[272.20]EGLR	18.04	IPI00304962
52	0.90	3	1454.9361	0.1644	iTRAQ	n[145.11]GPPGPSGEEGK[272.20]R	37.89	IPI00304962
53	0.99	3	1941.9281	-0.0467	iTRAQ	n[145.11]GPSGEPGK[272.20]QGSPGASGER	24.57	IPI00297646
54	1.00	3	1681.8306	-0.0685	iTRAQ	n[145.11]GPSGPAAGEVGK[272.20]PGER	34.06	IPI00304962
55	0.99	2	1127.5604	-0.0563	iTRAQ	n[145.11]GPVGAAGATGAR	15.6	IPI00304962
56	0.96	3	1433.9651	0.1554	iTRAQ	n[145.11]GPVGPAGK[272.20]HGMR	18.98	IPI00304962
57	0.99	2	1135.4562	-0.0495	iTRAQ	n[145.11]GYDGDYR	23.02	IPI00304962
58	0.99	2	1358.6798	-0.0729	iTRAQ	n[145.11]IETLLTPEGSR	32.81	IPI00304962
59	0.96	3	1323.7747	-0.073	iTRAQ	n[145.11]IK[272.20]IIAPPER	1.31	IPI00003269
60	0.99	2	1243.6279	-0.1091	iTRAQ	n[145.11]ISSVLQANLR	40	IPI00023208
61	0.82	2	1657.7677	-0.076	iTRAQ	n[145.11]ITWELEPDGALDR	40	IPI00002714
62	0.98	2	1083.5204	-0.0591	iTRAQ	n[145.11]LAGPPGESGR	28.01	IPI00297646
63	0.99	4	2709.7163	0.2977	iTRAQ	n[145.11]LGAEAK[272.20]TFDQLTPEESK[272.20]ER	8.16	IPI00014537
64	0.86	3	2072.3019	0.2192	iTRAQ	n[145.11]LGK[272.20]DSNNLC[160.03]LHFNPR	2.49	IPI00219219
65	0.92	2	1015.5237	-0.0547	iTRAQ	n[145.11]LLTPEGSR	17.09	IPI00304962
66	0.99	2	1827.9168	-0.0649	iTRAQ	n[145.11]LNNQIETLLTPEGSR	30.37	IPI00304962
67	0.84	3	2467.5464	0.2687	iTRAQ	n[145.11]LTETDIC[160.03]K[272.20]LPK[272.20]DEGTC[160.03]R	2.29	IPI00022200
68	1.00	2	1299.6662	-0.0855	iTRAQ	n[145.11]LVIIEGDLR	5.3	IPI00183968
69	0.99	2	1164.5323	-0.0607	iTRAQ	n[145.11]MGALELESR	25.31	IPI00003590
70	0.99	2	1348.5347	-0.0492	iTRAQ	n[145.11]MQPEEDWDR	19.02	IPI00013508
71	1.00	2	1714.8315	-0.0652	iTRAQ	n[145.11]NNQIETLLTPEGSR	20.12	IPI00304962
72	1.00	2	1600.7863	-0.0684	iTRAQ	n[145.11]NQIETLLTPEGSR	16.13	IPI00304962
73	0.97	3	1476.698	-0.0827	iTRAQ	n[145.11]PGPDGPAASGPAAIR	1.27	IPI00292020
74	0.86	3	1819.9496	-0.0261	iTRAQ	n[145.11]QAEADK[272.20]K[272.20]QAEDR	37.83	IPI00013991
75	0.94	3	2328.0706	-0.0721	iTRAQ	n[145.11]SLAGSSGPGASSGSGDHGELVVR	2	IPI00023048
76	1.00	2	1330.66	-0.0727	iTRAQ	n[145.11]SLSQIENIR	5.07	IPI00297646
77	0.99	2	1581.7966	-0.0518	iTRAQ	n[145.11]SPAGGPLEDVVIER	1.74	IPI00303300
78	0.99	3	1958.8951	-0.0595	iTRAQ	n[145.11]SPSAPDAPTC[160.03]PK[272.20]QC[160.03]R	29.05	IPI00299738
79	0.99	2	1130.5557	-0.0608	iTRAQ	n[145.11]SQIENIR	18.4	IPI00297646
80	0.98	2	1162.5577	-0.0487	iTRAQ	n[145.11]SSAAGEGTLAR	4.15	IPI00292150
81	0.97	3	1526.9612	0.1675	iTRAQ	n[145.11]SYVGDEAQS[272.20]R	16.74	IPI00008603
82	1.00	2	1627.7864	-0.0673	iTRAQ	n[145.11]TEVIDPQDLLEGR	5.42	IPI00011564
83	0.94	3	1791.865	-0.0379	iTRAQ	n[145.11]TPGQIDC[160.03]DITDVK[272.20]R	4.5	IPI00306322

#	Prob	z	Precursor Mass	Error [Da]	N-term	Peptide	iTRAQ 114/ iTRAQ 115	IPI #
84	1.00	2	1405.6748	-0.0423	iTRAQ	n[145.11]TVITSVGDEEGR	26.24	IPI00002714
85	0.82	3	1718.8745	-0.0661	iTRAQ	n[145.11]VDALK[272.20]GTNESLER	3.26	IPI00418471
86	1.00	3	1915.1906	0.1829	iTRAQ	n[145.11]VEELMEDTQHK[272.20]LR	11.97	IPI00002714
87	0.99	2	1288.6684	-0.0573	iTRAQ	n[145.11]VFASLPQVER	5.3	IPI00216256
88	1.00	2	1333.5192	-0.0676	iTRAQ	n[145.11]VGADDDEGGAER	9.06	IPI00176903
89	1.00	2	1674.7394	-0.0613	iTRAQ	n[145.11]VGGPMDASVEEEGVR	20.4	IPI00032293
90	0.94	2	1397.6838	-0.0798	iTRAQ	n[145.11]VIDPQDLLEGR	5.8	IPI00011564
91	0.93	2	1186.6077	-0.0602	iTRAQ	n[145.11]VIEGDLER	29.47	IPI00183968
92	0.91	2	1200.6052	-0.0784	iTRAQ	n[145.11]VILEGELER	11.8	IPI00010779
93	0.83	3	2616.6384	0.3017	iTRAQ	n[145.11]VMVGMGQK[272.20]DSYVGDEAQS[272.20]R	20.28	IPI00008603
94	0.91	2	949.3849	-0.0558	iTRAQ	n[145.11]VNDGDMR	1.09	IPI00023673
95	0.99	2	1917.7508	-0.0779	iTRAQ	n[145.11]VSGGGYDFGYDGFYR	29.62	IPI00304962
96	0.88	2	1078.4232	-0.0605	iTRAQ	n[145.11]YDGFYR	21.57	IPI00304962
97	0.99	2	1352.6242	-0.0455	iTRAQ	n[145.11]YVLDDSDGLGR	0.72	IPI00008790
98	0.99	2	1330.4906	-0.0631	Ac	n[43.02]AAGGDHGSPDSYR	na	IPI00026904
99	0.99	3	2156.999	-0.1166	Ac-lysine	n[43.02]AC[160.03]GLVASNLNLK[272.20]PGEC[160.03]LR	1.04	IPI00219219
100	0.99	2	962.4041	-0.0529	Ac	n[43.02]AEASPHPR	na	IPI00155562
101	0.99	2	1094.4972	-0.0649	Ac	n[43.02]AGLGHPAAFGR	na	IPI00220342
102	0.89	2	958.4089	-0.0532	Ac	n[43.02]AGVSFSGHR	na	IPI00003406
103	0.87	2	1217.395	-0.231	Ac	n[43.02]AIITC[160.03]C[160.03]LLGR	na	IPI00639851
104	0.95	2	1403.6817	-0.0561	Ac-lysine	n[43.02]AK[272.20]ISSPTETER	0.73	IPI00013895
105	0.97	2	1224.4793	-0.069	Ac	n[43.02]ASGEHSPGSGAAR	na	IPI00647400
106	0.91	2	1387.6629	-0.0548	Ac-lysine	n[43.02]ASNVTNK[272.20]TDPR	0.51	IPI00216592
107	0.92	2	905.3244	-0.0457	Ac	n[43.02]MEEYHR	na	IPI00020885
108	0.93	2	941.3861	-0.097	Ac	n[43.02]RLFGDHR	na	IPI00748682
109	1.00	2	1142.5035	-0.0434	Ac	n[43.02]SAAEAGGVFHR	na	IPI00305010
110	0.94	3	1881.7533	-0.0709	Ac	n[43.02]SGDHLHNSQIEADFR	na	IPI00413611
111	0.96	2	859.3476	-0.046	Ac	n[43.02]SSAHFNR	na	IPI00021264
112	0.97	2	1042.4289	-0.0577	Ac	n[43.02]TMLADHAAR	na	IPI00298961